

03500.109224

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-----------------------------------|---|------------------------------|
| In re Application of: |) | |
| | : | Examiner: Patrick J. Assouad |
| Hidekazu TAKAHASHI |) | |
| | : | Group Art Unit: 2862 |
| Application No.: 10/562,646 |) | |
| | : | Confirmation No. 8505 |
| Filed: December 28, 2005 |) | |
| | : | |
| For: SOLID STATE IMAGE PICKUP FOR |) | |
| AUTO-FOCUS AND AUTO-FOCUS | : | July 5, 2007 |
| CAMERA USING THE SAME |) | |

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FIFTH INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents, other than U.S. patent documents, are also enclosed.

REMARKS

The following documents were cited in a Japanese Official Action in a counterpart foreign application corresponding to the above-referenced application:

- (1) JP-A 10-104503;
- (2) JP-A 59-105606;
- (3) JP-A 61-028913;
- (4) JP-A 06-018779;

- (5) JP-A 11-211467;
- (6) JP-A 11-281877;
- (7) JP-A 03-164709;
- (8) JP-A 2004-020742;
- (9) JP-A 2001-337264;
- (10) JP-A 2003-107340; and
- (11) JP-A 2001-100258.

English language Abstracts for the JP-A documents were obtained from a commercial database, and are also enclosed, along with English-language translations of Documents (2)-(5) provided by Applicant. Applicant submits that US 6,577,344 and US 2002/0003582 are in the family of document (1), US 6,768,867 and US 2004/0042780 are in the family of document (8), US 6,625,397 and US 2002/0003958 are in the family of document (9), US 6,973,265, US 7,164,447, US 2003/0059216, and US 2003/0160887 are in the family of document (10), and US 6,549,730 is in the family of document (11).

FORMAL MATTERS

No fee is believed due; however, any fee required in connection with this paper should be charged to Deposit Account No. 06-1205.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted To PTO: July 5, 2007 | | | | ATTY DOCKET NO. 03500.109224 | | APPLICATION NO. 10/562,646 | |
| | | | | APPLICANT Hidekazu TAKAHASHI | | | |
| | | | | FILING DATE December 28, 2005 | | GROUP 2862 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 6,549,730 B1 | 04/15/2003 | Hamada | 396 | 111 | |
| | | 6,577,344 B2 | 06/10/2003 | Kadohara, et al. | 348 | 350 | |
| | | 6,625,397 B2 | 09/23/2003 | Nagata | 396 | 106 | |
| | | 6,768,867 B2 | 07/27/2004 | Kindaichi, et al. | 396 | 100 | |
| | | 6,973,265 B2 | 12/06/2005 | Takahashi | 396 | 121 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO OR ABSTRACT |
| | | 3-164709 | 07/16/1991 | Japan | | | Abstract |
| | | 6-18779 | 01/28/1994 | Japan | | | Yes & Abstract |
| | | 10-104503 | 04/24/1998 | Japan | | | Abstract |
| | | 11-211467 | 08/06/1999 | Japan | | | Yes & Abstract |
| | | 11-281877 | 10/15/1999 | Japan | | | Abstract |
| | | 59-105606 | 06/19/1984 | Japan | | | Yes & Abstract |
| | | 61-28913 | 02/08/1986 | Japan | | | Yes & Abstract |
| | | 2001-100258 | 04/13/2001 | Japan | | | Abstract |
| | | 2001-337264 | 12/07/2001 | Japan | | | Abstract |
| | | 2003-107340 | 04/09/2003 | Japan | | | Abstract |
| | | 2004-20742 | 01/22/2004 | Japan | | | Abstract |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
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| EXAMINER | | | | DATE CONSIDERED | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

